

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) A shell for a header for a water treatment module, comprising:

a) a shell unitary body having an outer surface and an inner surface defining at least one recess for receiving ends of filtration membranes;

b) at least one protruding member extending from the shell inner surface to an interior of the recess; and

c) at least one injection duct extending through the protruding member for injecting resin from outside the shell into the interior of the recess, the injection duct having an inlet open to the outer surface of the shell and a discharge outlet disposed within and open to the interior to the recess.

Claim 2. (Currently Amended) The header shell according to claim 1 wherein the at least one protruding member comprises ~~a needle, the needle having~~ a lower end fixed to the shell and an upper end extending into the recess.

Claim 3. (Currently Amended) The header shell according to claim 2, wherein the injection duct extends from the lower end ~~of the needle~~ to the upper end of the protruding member ~~needle~~.

Claim 4. (Currently Amended) The header shell according to claim ~~[[3]]~~ 1 wherein the injection duct has an axial passage that extends from the inlet ~~lower end of needle~~ to a point near the upper end, and a radial passage that extends from the ~~upper end of the axial passage~~ to the outlet, the outlet disposed in a sidewall of the protruding member ~~needle~~.

Claim 5. (Currently Amended) The header shell according to claim 4 wherein the radial passage extends through the width of the protruding member ~~needle~~, providing two discharge outlets.

Claim 6. (Currently Amended) The header shell of claim 1 wherein the protruding member passes through an area of the shell adapted to contain a permeate cavity.

Claim 7. (Currently Amended) The header shell of claim 1 wherein the discharge outlet is located within an area of the shell adapted to contain a block of potting material holding membranes in the shell.

Claims 8-16 (Canceled).

Claim 17. (New) The shell of claim 1 wherein the unitary body is channel shaped, having a base, and side walls extending upward from the base and along a length of the base.

Claim 18. (New) The shell of claim 17 wherein the side walls have an upper edge distal the base, and wherein the outlets are positioned below the upper edge.

Claim 19. (New) The shell of claim 17 comprising first injection ducts and second injection ducts, the first and second injection ducts having respective first and second discharge outlets at first and second spacing distances from the base, respectively, the first spacing distance being different than the second spacing distance.

Claim 20. (New) A header for a water treatment module, comprising:

a) a shell having an outer surface and an inner surface defining at least one potting recess;

b) a block of resin in the potting recess of the shell, the block of resin having ends of hollow fiber membranes potted therein; and

c) at least one protruding member extending from the inner surface of the shell into the block of resin, the protruding member comprising at least one injection duct having an inlet open to the outer surface and an outlet within the block of resin.

Claim 21. (New) The header of claim 20, wherein the injection duct is at least partially filled with resin.

Claim 22. (New) The header of claim 20, wherein the protruding member has an outer wall with at least one groove that is embedded in the block of resin.

Claim 23. (New) The header of claim 20, comprising a plurality of protruding members.

Claim 24. (New) The header of claim 20, comprising a layer of cushioning material overlying the block of resin, the hollow fiber membranes passing through the layer of cushioning material.

Claim 25. (New) The header of claim 24, comprising at least one second injection duct, the second injection duct having an inlet open to the outer surface and an outlet facing towards, and plugged by, the layer of cushioning material.

Claim 26. (New) The header of claim 25, comprising at least one second protruding member extending from the shell and into the layer of cushioning material.

Claim 27. (New) The header of claim 26, wherein the second protruding member comprises the second injection duct.

Claim 28. (New) The header of claim 27, comprising a plurality of second protruding members.